

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled).

2. (Currently Amended) An information providing server comprising:

three-dimensional image data storage means for storing three-dimensional image data generated based on image information in which a physical position is clearly described and in which a same area is photographed from different locations, and storing positional information showing the position of said three-dimensional image data;

advertisement placing information storage means for storing advertisement placing information including at least a placing period and a placed location of an advertisement by adding an ID for each advertisement;

three-dimensional image synthesizing means for reading the three-dimensional image data from said three-dimensional image data storage means based on a viewpoint of a user, reading from said advertisement placing information storage means said advertisement placing information having said placing period including a current date data and said placed location included in said three-dimensional image data read based on said viewpoint of a user, and synthesizing said read three-dimensional image data with said advertisement placing information to generate synthesis three-dimensional image data;

advertisement contract storage means for storing contract information including an ID added to said advertisement placing information, the name of an advertisement placing person who desires to place an advertisement, and a contract money amount;

advertisement contract means for receiving an advertisement placing request from said advertisement placing person, executing a contract process of said advertisement placing request upon reception of said advertisement placing request from said advertisement placing person and updating said advertisement placing information stored in said advertisement placing information storage means based on said contract information stored in said advertisement contract storage means;

user data storage means for recording the ID of a user and the viewpoint position of said user, the user data storage means also storing IDs of other users and viewpoint positions of the other users;

other users maximum display threshold value storage means for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

user position display means for adding a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in said user data storage means the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said user, and adding other users position marks showing said other users to said viewpoint positions; and

interaction connection means for ~~regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program to provide connection~~ receiving an interaction request indicating said other users position marks displayed in said user position display means and specified by said user, checking the user IDs corresponding to said other users position marks from said user data storage means, and starting an interacting function program to provide connection between said user and said other users having the checked user IDs,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data.

3. (Previously Presented) The information providing server according to claim 2, further comprising three-dimensional image data conversion means for generating three-dimensional image data based on image information in which the same area is photographed from different locations and in which a physical position is clearly described, and wherein the

synthesis three-dimensional image data is provided as part of a three-dimensional aerial sightseeing service that is provided to the user for free.

4. (Currently Amended) An information providing server comprising:

three-dimensional image data storage means for storing three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations, and storing positional information showing the position of said three-dimensional image data;

advertisement placing information storage means for storing advertisement placing information including at least a placing period and a placed location of an advertisement by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person;

three-dimensional image synthesizing means for reading the three-dimensional image data from said three-dimensional image data storage means based on viewpoint of a user, reading from said advertisement placing information storage means said advertisement placing information having said placing period including a current date data and said placed location included in said three-dimensional image data read based on said viewpoint of a user, and synthesizing said read three-dimensional image data with said advertisement placing information to generate synthesis three-dimensional image data;

three-dimensional image browser means for generating, based on a desired viewpoint position, a rendered image rendered from said synthesis three-dimensional image data outputted from said three-dimensional image synthesizing means;

user data storage means for recording the ID of a user and the viewpoint position of said user, the user data storage means also storing IDs of other users and viewpoint positions of the other users;

other users maximum display threshold value storage means for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

user position display means for adding a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation

provided to said user, fetching from data stored in said user data storage means the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said user, and adding other users position marks showing said other users to said viewpoint positions; and

interaction connection means for ~~regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program to provide connection~~ receiving an interaction request indicating said other users position marks displayed in said user position display means and specified by said user, checking the user IDs corresponding to said other users position marks from said user data storage means, and starting an interacting function program to provide connection between said user and said other users having the checked user IDs,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data.

5. (Currently Amended) An information providing server comprising:

three-dimensional image data storage means for storing three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations, and storing positional information showing the position of said three-dimensional image data;

advertisement placing information storage means for storing advertisement placing information including at least a placing period and a placed location of an advertisement by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person;

three-dimensional image synthesizing means for reading the three-dimensional image data from said three-dimensional image data storage means based on viewpoint of a user, reading from said advertisement placing information storage means said advertisement placing information having said placing period including a current date data and said placed location included in said three-dimensional image data read based on said viewpoint of a user,

and synthesizing said read three-dimensional image data with said advertisement placing information to generate synthesis three-dimensional image data;

three-dimensional image browser means for generating, based on a desired viewpoint position, a rendered image rendered from said synthesis three-dimensional image data outputted from said three-dimensional image synthesizing means;

advertisement contract storage means for storing contract information including an ID added to said advertisement placing information, the name of an advertisement placing person who desires to place an advertisement, and a contract money amount; and

advertisement contract means for receiving an advertisement placing request from said advertisement placing person, executing a contract process of said advertisement placing request upon reception of said advertisement placing request from said advertisement placing person and updating said advertisement placing information stored in said advertisement placing information storage means based on said contract information stored in said advertisement contract storage means;

user data storage means for recording the ID of a user and the viewpoint position of said user, the user data storage means also storing IDs of other users and viewpoint positions of the other users;

other users maximum display threshold value storage means for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

user position display means for adding a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in said user data storage means the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said user, and adding other users position marks showing said other users to said viewpoint positions; and

interaction connection means for ~~regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program to~~

provide connection receiving an interaction request indicating said other users position marks displayed in said user position display means and specified by said user, checking the user IDs corresponding to said other users position marks from said user data storage means, and starting an interacting function program to provide connection between said user and said other users having the checked user IDs,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data.

6. (Previously Presented) The information providing server according to claim 4 or 5, further comprising three-dimensional image data conversion means for generating three-dimensional image data based on image information in which a physical position is clearly described and in which the same area is photographed from different locations described, and wherein the synthesis three-dimensional image data is provided as part of a three-dimensional aerial sightseeing service that is provided to the user for free.

7. (Canceled).

8. (Currently Amended) An information providing server comprising:
three-dimensional image data storage means for storing three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations, and storing positional information showing the position of said three-dimensional image data;

advertisement placing information storage means for storing advertisement placing information including at least a placing period and a placed location of an advertisement by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person;

three-dimensional image synthesizing means for reading the three-dimensional image data from said three-dimensional image data storage means based on browsing location specification information, reading from said advertisement placing information storage means said advertisement placing information having said placing period including a current date data and said placed location included in said three-dimensional image data read based on

said viewpoint of a user, and synthesizing said read three-dimensional image data with said advertisement placing information to generate synthesis three-dimensional image data;

three-dimensional image browser means for generating, based on a desired viewpoint position, a rendered image rendered from said synthesis three-dimensional image data outputted from said three-dimensional image synthesizing means;

landmark position storage means for storing landmark information including language representation information about the name or contents corresponding to a landmark existing in said three-dimensional image data and positional information on the position of said landmark; and

search engine means for searching for page data including the contents related to a keyword from a set of page data when said keyword is given as input and generating link information to said page data,

wherein said three-dimensional image browser means refers to said positional information included in said landmark information of said landmark position storage means when related information presentation related to the position is commanded, specifies the corresponding landmark information, outputs said language representation information of the landmark information to said search engine means, and allows said search engine means to generate link information of page data related to the landmark information;

user data storage means for recording the ID of a user and the viewpoint position of said user, the user data storage means also storing IDs of other users and viewpoint positions of the other users;

other users maximum display threshold value storage means for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

user position display means for adding a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in said user data storage means the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said

user, and adding other users position marks showing said other users to said viewpoint positions; and

interaction connection means for ~~regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program to provide connection~~ receiving an interaction request indicating said other users position marks displayed in said user position display means and specified by said user, checking the user IDs corresponding to said other users position marks from said user data storage means, and starting an interacting function program to provide connection between said user and said other users having the checked user IDs,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data.

9. (Currently Amended) An information providing server comprising:

three-dimensional image data storage means for storing three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations, and storing positional information showing the position of said three-dimensional image data;

advertisement placing information storage means for storing advertisement placing information including at least a placing period and a placed location of an advertisement by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person;

three-dimensional image synthesizing means for reading the three-dimensional image data from said three-dimensional image data storage means based on viewpoint of a user, reading from said advertisement placing information storage means said advertisement placing information having said placing period including a current date data and said placed location included in said three-dimensional image data read based on said viewpoint of a user, and synthesizing said read three-dimensional image data with said advertisement placing information to generate synthesis three-dimensional image data;

three-dimensional image browser means for generating, based on a desired viewpoint position, a rendered image rendered from said synthesis three-dimensional image data outputted from said three-dimensional image synthesizing means;

landmark position storage means for storing landmark information including a language representation about the name or contents corresponding to a landmark existing in said three-dimensional image data and positional information on the position of said landmark;

search engine means for searching for page data including the contents related to a keyword from a set of page data when said keyword is given as input and generating link information to said page data;

user stay landmark storage means for storing a landmark stay record including said landmark where a user stays and the stay time at the landmark;

all movement history storing means for recording a movement history including the viewpoint position of said user and the time;

stay time threshold value storage means for storing a stay time threshold value showing time to stay around a landmark necessary for judging that said user is interested in said landmark;

range inside and outside judgment distance storage means for storing range inside and outside judgment distance information showing definition of the peripheral position from the position of a landmark necessary for judging that said user is interested in said landmark;

stay time calculation means for extracting said landmark information from said landmark position storage means, using positional information of the landmark information and said range inside and outside judgment distance information stored in said range inside and outside judgment distance storage means to extract from said all movement history storing means said movement history when the viewpoint position of said user is within a surrounding area of said landmark defined by said range inside and outside judgment distance information from positional information included in said extracted landmark position, and using the extracted movement history to calculate the first time and the last time in which the viewpoint position of said user is within said surrounding area of said landmark; and

user stay landmark judgment means for comparing a stay time which is a difference between said last time and said first time calculated by said stay time calculation means with

said stay time threshold value stored in said stay time threshold value storage means, and when said stay time is above said stay time threshold value, using said language representation information of said landmark information to store said landmark name and said stay time into said user stay landmark storage means;

user data storage means for recording the ID of a user and the viewpoint position of said user, the user data storage means also storing IDs of other users and viewpoint positions of the other users;

other users maximum display threshold value storage means for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

user position display means for adding a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in said user data storage means the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said user, and adding other users position marks showing said other users to said viewpoint positions; and

interaction connection means for ~~regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program to provide connection~~ receiving an interaction request indicating said other users position marks displayed in said user position display means and specified by said user, checking the user IDs corresponding to said other users position marks from said user data storage means, and starting an interacting function program to provide connection between said user and said other users having the checked user IDs,

wherein said three-dimensional image browser means refers to said positional information included in said landmark information of said landmark position storage means when related information presentation related to the position is commanded, specifies the corresponding landmark information, outputs said language representation information of the

landmark information to said search engine means, and allows said search engine means to generate link information of page data related to the landmark information,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data.

10. (Previously Presented) The information providing server according to claim 9, further comprising:

all information search command history storing means for recording an information presentation command history including the landmark name in which said user commands related information presentation related to the position and the time; and

user behavior record presentation means for outputting said landmark stay record of said user stay landmark storage means or said information presentation command history of said all information search command history storing means when a manager commands to present the summing result.

11. (Currently Amended) An information providing ~~client~~ server, wherein ~~provision of~~ information showing a viewpoint position is requested by an information providing client to ~~[[an]]~~ the information providing server for storing advertisement placing information including at least a placing period of an advertisement desired to be placed by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person;

said information providing server including a synthesizing means that synthesizes three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations with said advertisement placing information to generate synthesis three-dimensional image data when said placing period included in said stored advertisement placing information includes a current date, and uses said viewpoint position to generate a three-dimensional image stereoscopic representation from the synthesis three-dimensional image data; and

the three-dimensional image stereoscopic representation is received and displayed on a display means,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data,

wherein when said information providing server includes a storage unit that records the ID of a user and the viewpoint position of said user and further displays viewpoint positions of other users, an other users display request for requesting display of other users in said three-dimensional image stereoscopic representation is performed to said information providing server for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of the viewpoint positions of the other users,

wherein said information providing server ~~adds and displays~~ is configured to provide a user position mark on the display means to direct showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation, to fetch from said stored user viewpoint position said viewpoint positions of the other users and said user IDs up to said stored threshold value in the order close to said viewpoint position of the user, and ~~adds and displays~~ to provide on the display means other users position marks showing said other users to said viewpoint position in said three-dimensional image stereoscopic representation and further an interaction connection request for specifying said other users position marks displayed in the three-dimensional image stereoscopic representation to desire to interact with said other users is performed to said information providing server, and

wherein said information providing server ~~starts~~ is configured to start an interacting function program ~~to provide connection between the user and said other users corresponding to said specified other users position marks that, upon receiving an interaction request indicating said other users position marks displayed in the three-dimensional image stereoscopic representation and specified by said user, checks the user IDs corresponding to said other users position marks from a user data storage, and provides connection between said user and said other users having the checked user IDs.~~

12. (Currently Amended) An information providing client comprising:

a three-dimensional image browser which stores three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations associated with positional information showing the position of the three-dimensional image data and further performs a viewpoint position of a user specification for specifying a desired viewpoint position of a user to be displayed to an information providing server for storing advertisement placing information including at least a placing period and a placed location of an advertisement by adding an ID for each advertisement, and which allows said information providing server to read the corresponding three-dimensional image data from said three-dimensional image data based on said viewpoint position of a user specification, to read from said advertisement placing information said advertisement placing information having said placing period including a current date data and said placed location included in said read three-dimensional image data and to synthesize said read three-dimensional image data with said advertisement placing information to generate synthesis three-dimensional image data, and receives the synthesis three-dimensional image data to generate a three-dimensional image stereoscopic representation based on a viewpoint position, the advertisement placing information being provided by an advertisement placing person;

an input part for outputting said viewpoint position to said three-dimensional image browser; and

a display part for receiving said three-dimensional image stereoscopic representation from said three-dimensional image browser to display it,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data,

wherein when said information providing server records the ID of a user and the viewpoint position of said user and further displays viewpoint positions of other users, an other users display request for requesting display of other users in said three-dimensional image stereoscopic representation is performed to said information providing server for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of the viewpoint positions of the other users,

wherein said information providing server adds and displays a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation, to fetch from said stored user viewpoint position said viewpoint positions of the other users and said user IDs up to said stored threshold value in the order close to said viewpoint position of the user, and adds and displays other users position marks showing said other users to said viewpoint position in said three-dimensional image stereoscopic representation and further an interaction connection request for specifying said other users position marks displayed in the three-dimensional image stereoscopic representation to desire to interact with said other users is performed to said information providing server, and

wherein said information providing server starts an interacting function program ~~to provide connection between the user and said other users corresponding to said specified other users position marks~~ that, upon receiving an interaction request indicating said other users position marks displayed in the three-dimensional image stereoscopic representation and specified by said user, checks the user IDs corresponding to said other users position marks from a user data storage, and provides connection between said user and said other users having the checked user IDs.

13. (Previously Presented) The information providing client according to claim 11 or 12, wherein

said information providing server stores landmark information including a language representation about the name or contents corresponding to a landmark existing in said three-dimensional image data and positional information on the position of said landmark;

a related information provision request showing a position for requesting related information provision is performed to said information providing server; and

said information providing server refers to said positional information included in said stored landmark information, to specify the corresponding landmark information, uses said language representation information of the landmark information to search for page data including the contents related to the language representation information from a set of the page data, and generates link information to said page data.

14. (Canceled).

15. (Currently Amended) An information providing client, wherein

an advertisement placing request for requesting placement of an advertisement is performed to an information providing server for storing advertisement placing information including at least a placing period of an advertisement by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person; and

said information providing server executes a contract process of the advertisement placing request, to update said stored advertisement placing information based on the contents of the contract process, to synthesize, at an information providing request from another client, three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations with said advertisement placing information to generate synthesis three-dimensional image data when said placing period included in said stored advertisement placing information includes a current date, and sends the synthesis three-dimensional image data to the another client,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data,

wherein the information providing server records the ID of a user and the viewpoint position of said user, the information providing server also stores IDs of other users and viewpoint positions of the other users;

wherein the information providing server also stores an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

wherein the information providing server adds a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in the information providing server the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said user, and adding other users position marks showing said other users to said viewpoint positions; and

wherein interconnection between the information providing server and the information providing client is provided for regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program ~~to provide connection that~~, upon receiving an interaction request indicating said other users position marks displayed in the three-dimensional image stereoscopic representation and specified by said user, checks the user IDs corresponding to said other users position marks from a user data storage, and provides connection between said user and said other users having the checked user IDs.

16. (Currently Amended) An information providing system processing method, wherein

an information providing server stores three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations and stores positional information showing the position of said three-dimensional image data and further stores advertisement placing information including at least a placing period and a placed location of an advertisement by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person;

an information providing client provides to said information providing server viewpoint position of a user information for specifying a desired viewpoint position of a user;

said information providing server reads the corresponding three-dimensional image data from said three-dimensional image data based on said viewpoint position of a user information, reads from stored said advertisement placing information said advertisement placing information having said placing period including a current date data and said placed location included in said three-dimensional image data read based on said viewpoint position of a user information, and synthesizes said read three-dimensional image data with said advertisement placing information to generate synthesis three-dimensional image data which is then outputted to said information providing client; and

said information providing client receives said synthesis three-dimensional image data to generate a three-dimensional image stereoscopic representation based on the viewpoint position,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data,

wherein the information providing server records the ID of a user and the viewpoint position of said user, the information providing server also stores IDs of other users and viewpoint positions of the other users;

wherein the information providing server also stores an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

wherein the information providing server adds a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in the information providing server the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said user, and adding other users position marks showing said other users to said viewpoint positions; and

wherein interconnection between the information providing server and the information providing client is provided for regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program ~~to provide connection~~ that, upon receiving an interaction request indicating said other users position marks displayed in the three-dimensional image stereoscopic representation and specified by said user, checks the user IDs corresponding to said other users position marks from a user data storage, and provides connection between said user and said other users having the checked user IDs.

17. (Currently Amended) An information providing system processing method, wherein

an information providing server stores three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations and stores positional information showing the position of said three-dimensional image data and further stores advertisement placing information including at least a placing period and a placed location of an advertisement by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person;

an information providing client for advertisement provision performs to said information providing server an advertisement placing request for requesting placement of an advertisement;

said information providing server receives said advertisement placing request, executes a contract process of the advertisement placing request, and updates said advertisement placing information stored based on the contents of the contract process;

the information providing client provides to said information providing server viewpoint position of a user information for specifying a desired viewpoint position of a user;

said information providing server reads the corresponding three-dimensional image data from said three-dimensional image data based on said viewpoint position of a user information, reads from said advertisement placing information said advertisement placing information having said placing period including a current date data and said placed location included in said three-dimensional image data read based on said viewpoint position of a user information, and synthesizes said read three-dimensional image data with said advertisement placing information to generate synthesis three-dimensional image data which is then outputted to said information providing client; and

said information providing client receives said synthesis three-dimensional image data to generate a three-dimensional image stereoscopic representation based on the viewpoint position,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data,

wherein the information providing server records the ID of a user and the viewpoint position of said user, the information providing server also stores IDs of other users and viewpoint positions of the other users;

wherein the information providing server also stores an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

wherein the information providing server adds a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in the information providing server the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said user, and adding other users position marks showing said other users to said viewpoint positions; and

wherein interconnection between the information providing server and the information providing client is provided for regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program ~~to provide connection~~ that, upon receiving an interaction request indicating said other users position marks displayed in the three-dimensional image stereoscopic representation and specified by said user, checks the user IDs corresponding to said other users position marks from a user data storage, and provides connection between said user and said other users having the checked user IDs.

18. (Original) The information providing system processing method according to claim 16 or 17, wherein

said information providing server records the ID of a user and the viewpoint position of said user and further stores an other users maximum display threshold value for defining a threshold value to display the maximum number of the viewpoint positions of the other users when displaying the viewpoint positions of the other users;

said information providing client performs an other users display request for requesting other users display in said three-dimensional image stereoscopic representation;

said information providing server receives said other users display request, adds and displays a user position mark showing the user to the viewpoint position of the user to said three-dimensional image stereoscopic representation, fetches said viewpoint positions of the other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said user, and adds and displays other users position marks showing said other users to said viewpoint position in said three-dimensional image stereoscopic representation;

said information providing client performs an interaction connection request for specifying said other users position marks displayed in the three-dimensional image stereoscopic representation to desire to interact with said other users; and

said information providing server receives said interaction connection request which specifies said other users position marks, and regards, as persons to interact with, the user IDs of said other users corresponding to said specified other users position marks to start up an interacting function program to provide connection.

19. (Currently Amended) An information providing system processing method, wherein

an information providing server stores three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations and stores positional information showing the position of said three-dimensional image data and further stores advertisement placing information including at least a placing period and a placed location of an advertisement by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person;

an information providing client provides to said information providing server viewpoint position of a user information for specifying a desired viewpoint position of a user;

said information providing server reads the corresponding three-dimensional image data from said three-dimensional image data based on said viewpoint position of a user, reads said advertisement placing information having said placing period including a current date data and said placed location included in said three-dimensional image data read based on said viewpoint position of a user information, and synthesizes said read three-dimensional

image data with said advertisement placing information to generate synthesis three-dimensional image data which is then outputted to said information providing client;

said information providing client receives said synthesis three-dimensional image data to generate a three-dimensional image stereoscopic representation based on a viewpoint position;

said information providing server stores landmark information including a language representation about the name or contents corresponding to a landmark existing in said three-dimensional image data and positional information on the position of said landmark;

said information providing client performs a related information provision request showing a position for requesting related information provision; and

said information providing server refers to said positional information included in the landmark information stored in said landmark position storage step, specifies the corresponding landmark information, uses said language representation information of the landmark information to search for page data including the contents related to the language representation information from a set of page data, and generates link information to said page data,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data,

wherein the information providing server records the ID of a user and the viewpoint position of said user, the information providing server also stores IDs of other users and viewpoint positions of the other users;

wherein the information providing server also stores an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

wherein the information providing server adds a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in the information providing server the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the

viewpoint position of said user, and adding other users position marks showing said other users to said viewpoint positions; and

wherein interconnection between the information providing server and the information providing client is provided for regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program ~~to provide connection~~ that, upon receiving an interaction request indicating said other users position marks displayed in the three-dimensional image stereoscopic representation and specified by said user, checks the user IDs corresponding to said other users position marks from a user data storage, and provides connection between said user and said other users having the checked user IDs.

20. (Previously Presented) The information providing system processing method according to claim 19, wherein

said information providing server records a movement history including the viewpoint position of said user and the time, stores a stay time threshold value showing time to stay around a landmark necessary for judging that said user is interested in said landmark, stores range inside and outside judgment distance information showing definition of the peripheral position from the position of a landmark necessary for judging that said user is interested in said landmark, uses positional information in said stored landmark information and said stored range inside and outside judgment distance information to extract said movement history when the viewpoint position of said user is within a surrounding area of said landmark defined by said range inside and outside judgment distance information from said extracted landmark position, uses the extracted movement history to calculate the first time and the last time in which the viewpoint position of said user passes through said surrounding area of said landmark, compares a stay time which is a difference between said last time and said first time calculated with said stored stay time threshold value, when said stay time is above said stay time threshold value, uses said language representation information of said landmark information to store a landmark stay record including said landmark name and said stay time, and records an information presentation command history including a landmark name in which said user specifies related information presentation about the position and the time;

said information providing client performs a summing result presentation request for commanding to present the summing result; and

said information providing server receives said summing result presentation request and outputs said stored landmark stay record or said stored information presentation command history.

21. (Currently Amended) A recording medium which records a program for a server for allowing a computer to execute:

a three-dimensional image data storage process for storing three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations ,and storing positional information showing the position of said three-dimensional image data;

an advertisement placing information storage process for storing advertisement placing information including at least a placing period and a placed location of an advertisement by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person;

a three-dimensional image synthesizing process for reading the three-dimensional image data from said three-dimensional image data storage means based on viewpoint of a user, reading from said advertisement placing information storage means said advertisement placing information having said placing period including a current date data and said placed location included in said three-dimensional image data read based on said viewpoint of a user, and synthesizing said read three-dimensional image data with said advertisement placing information to generate synthesis three-dimensional image data;

a user data storage process for recording the ID of a user and the viewpoint position of said user, the user data storage means also storing IDs of other users and viewpoint positions of the other users;

other users maximum display threshold value storage process for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

user position display process for adding a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in said user data storage means the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said user, and adding other users position marks showing said other users to said viewpoint positions; and

interaction connection process for ~~regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program to provide connection~~ receiving an interaction request indicating said other users position marks displayed by said user position display process and specified by said user, checking the user IDs corresponding to said other users position marks from a user data storage, and starting an interacting function program to provide connection between said user and said other users having the checked user IDs,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data.

22. (Currently Amended) A recording medium which records a program for a server for allowing a computer to execute:

a three-dimensional image data storage process for storing three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations ,and storing positional information showing the position of said three-dimensional image data;

an advertisement placing information storage process for storing advertisement placing information including at least a placing period and a placed location of an advertisement by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person;

a three-dimensional image synthesizing process for reading the three-dimensional image data from said three-dimensional image data storage means based on browsing location

specification information, reading from said advertisement placing information storage means said advertisement placing information having said placing period including a current date data and said placed location included in said three-dimensional image data read based on said browsing location specification information, and synthesizing said read three-dimensional image data with said advertisement placing information to generate synthesis three-dimensional image data;

an advertisement contract storage process for storing contract information including an ID added to said advertisement placing information, the name of an advertisement placing person who desires to place an advertisement, and a contract money amount;

an advertisement contract process for executing a contract process of an advertisement placing request upon reception of said advertisement placing request from said advertisement placing person and updating said advertisement placing information stored in said advertisement placing information storage means based on said contract information stored in said advertisement contract storage means;

a user data storage process for recording the ID of a user and the viewpoint position of said user, the user data storage means also storing IDs of other users and viewpoint positions of the other users;

other users maximum display threshold value storage process for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

user position display process for adding a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in said user data storage means the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said user, and adding other users position marks showing said other users to said viewpoint positions; and

interaction connection process for ~~regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program to~~

provide connection receiving an interaction request indicating said other users position marks displayed by said user position display process and specified by said user, checking the user IDs corresponding to said other users position marks from a user data storage, and starting an interacting function program to provide connection between said user and said other users having the checked user IDs,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data.

23. (Currently Amended) A recording medium which records a program for a server for allowing a computer to execute:

a three-dimensional image data storage process for storing three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations, and storing positional information showing the position of said three-dimensional image data;

an advertisement placing information storage process for storing advertisement placing information including at least a placing period and a placed location of an advertisement by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person;

a three-dimensional image synthesizing process for reading the three-dimensional image data based on viewpoint of a user, reading said advertisement placing information having said placing period including a current date data and said placed location included in said three-dimensional image data read based on said viewpoint of a user, and synthesizing said read three-dimensional image data with said advertisement placing information to generate synthesis three-dimensional image data;

a three-dimensional image browser process for generating, based on a desired viewpoint position, a three-dimensional image stereoscopic representation from said synthesis three-dimensional image data outputted from said three-dimensional image synthesizing means;

a user data storage process for recording the ID of a user and the viewpoint position of said user, the user data storage means also storing IDs of other users and viewpoint positions of the other users;

other users maximum display threshold value storage process for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

user position display process for adding a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in said user data storage means the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said user, and adding other users position marks showing said other users to said viewpoint positions; and

~~interaction connection process for regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program to provide connection~~ receiving an interaction request indicating said other users position marks displayed by said user position display process and specified by said user, checking the user IDs corresponding to said other users position marks from a user data storage, and starting an interacting function program to provide connection between said user and said other users having the checked user IDs.

24. (Currently Amended) A recording medium which records a program for a server for allowing a computer to execute:

a three-dimensional image data storage process for storing three-dimensional image data generated based on image information in which a physical position is clearly described and in which the same area is photographed from different locations ,and storing positional information showing the position of said three-dimensional image data;

an advertisement placing information storage process for storing advertisement placing information including at least a placing period and a placed location of an

advertisement by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person;

a three-dimensional image synthesizing process for reading the three-dimensional image data based on viewpoint of a user, reading said advertisement placing information having said placing period including a current date data and said placed location included in said three-dimensional image data read based on said viewpoint of a user, and synthesizing said read three-dimensional image data with said advertisement placing information to generate synthesis three-dimensional image data;

a three-dimensional image browser process for generating, based on a desired viewpoint position, a three-dimensional image stereoscopic representation from said synthesis three-dimensional image data outputted from said three-dimensional image synthesizing means;

an advertisement contract storage process for storing contract information including an ID added to said advertisement placing information, the name of an advertisement placing person who desires to place an advertisement, and a contract money amount;

an advertisement contract process for executing a contract process of an advertisement placing request upon reception of said advertisement placing request from said advertisement placing person and updating said advertisement placing information stored in said advertisement placing information storage means based on said contract information stored in said advertisement contract storage means;

a user data storage process for recording the ID of a user and the viewpoint position of said user, the user data storage means also storing IDs of other users and viewpoint positions of the other users;

other users maximum display threshold value storage process for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

user position display process for adding a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in said user data storage means the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other

users maximum display threshold value in the order close to the viewpoint position of said user, and adding other users position marks showing said other users to said viewpoint positions; and

interaction connection process for ~~regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program to provide connection~~ receiving an interaction request indicating said other users position marks displayed by said user position display process and specified by said user, checking the user IDs corresponding to said other users position marks from a user data storage, and starting an interacting function program to provide connection between said user and said other users having the checked user IDs,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data.

25. (Currently Amended) A recording medium which records a program for a client for allowing a computer to execute:

a process for requesting to provide information showing a viewpoint position to an information providing server for storing advertisement placing information including at least a placing period of an advertisement desired to be placed by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person; and

a process for allowing said information providing server to synthesize three-dimensional image data generated based on image information in which a physical position is clearly described and the same area is photographed from different locations with said advertisement placing information to generate synthesis three-dimensional image data when said placing period included in said stored advertisement placing information includes a current date and to use said viewpoint position to generate a three-dimensional image stereoscopic representation from the synthesis three-dimensional image data and for receiving and displaying the three-dimensional image stereoscopic representation,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data,

wherein when an information providing server records an ID of a user and a viewpoint position of said user and further displays viewpoint positions of other users, an other users display request for requesting display of other users in said three-dimensional image stereoscopic representation is performed to said information providing server for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of the viewpoint positions of the other users,

wherein said information providing server adds and displays a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation, to fetch from said stored user viewpoint position said viewpoint positions of the other users and said user IDs up to said stored threshold value in the order close to said viewpoint position of the user, and adds and displays other users position marks showing said other users to said viewpoint position in said three-dimensional image stereoscopic representation and further an interaction connection request for specifying said other users position marks displayed in the three-dimensional image stereoscopic representation to desire to interact with said other users is performed to said information providing server, and

wherein said information providing server starts an interacting function program ~~to provide connection between the user and said other users corresponding to said specified other users position marks that, upon receiving an interaction request indicating said other users position marks displayed in the three-dimensional image stereoscopic representation and specified by said user, checks the user IDs corresponding to said other users position marks from a user data storage, and provides connection between said user and said other users having the checked user IDs.~~

26. (Currently Amended) A recording medium which records a program for a client for allowing a computer to execute:

a three-dimensional image browser process which stores three-dimensional image data generated based on image information in which a physical position is clearly described and in

which the same area is photographed from different locations associated with positional information showing the position of the three-dimensional image data and further performs a browsing location specification for specifying a desired location to be browsed to an information providing server for storing advertisement placing information including at least a placing period and a placed location of an advertisement by adding an ID for each advertisement and which allows said information providing server to read the corresponding three-dimensional image data from said three-dimensional image data based on said browsing location specification, to read from said advertisement placing information said advertisement placing information having said placing period including a current date data and said placed location included in said read three-dimensional image data and to synthesize said read three-dimensional image data with said advertisement placing information to generate synthesis three-dimensional image data, and receives the synthesis three-dimensional image data to generate a three-dimensional image stereoscopic representation based on a viewpoint position, the advertisement placing information being provided by an advertisement placing person;

- an input process for outputting said viewpoint position to said three-dimensional image browser;

- a display process for receiving said three-dimensional image stereoscopic representation from said three-dimensional image browser to display it;

- a user data storage process for recording the ID of a user and the viewpoint position of said user, the user data storage means also storing IDs of other users and viewpoint positions of the other users;

- other users maximum display threshold value storage process for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

- user position display process for adding a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in said user data storage means the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said

user, and adding other users position marks showing said other users to said viewpoint positions; and

~~interaction connection process for regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program to provide connection~~ receiving an interaction request indicating said other users position marks displayed by said user position display process and specified by said user, checking the user IDs corresponding to said other users position marks from a user data storage, and starting an interacting function program to provide connection between said user and said other users having the checked user IDs,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data.

27. (Currently Amended) A recording medium which records a program for a client for allowing a computer to execute:

an advertisement placing process for requesting placement of an advertisement to an information providing server for storing advertisement placing information including at least a placing period of an advertisement by adding an ID for each advertisement, the advertisement placing information being provided by an advertisement placing person;

a process for allowing said information providing server to execute a contract process of the advertisement placing request, to update said stored advertisement placing information based on the contents of the contract process, to synthesize, at an information providing request from another client, three-dimensional image data generated based on image information in which a physical position is clearly described and the same area is photographed from different locations with said advertisement placing information to generate synthesis three-dimensional image data when said placing period included in said stored advertisement placing information includes a current date, and to send the synthesis three-dimensional image data to the another client;

a user data storage process for recording the ID of a user and the viewpoint position of said user, the user data storage means also storing IDs of other users and viewpoint positions of the other users;

other users maximum display threshold value storage process for storing an other users maximum display threshold value for defining a threshold value to display the maximum number of viewpoint positions of other users when displaying the viewpoint positions of the other users;

user position display process for adding a user position mark showing the user to the viewpoint position of the user in said three-dimensional image stereoscopic representation provided to said user, fetching from data stored in said user data storage means the viewpoint positions of said other users and said user IDs up to said threshold value defined by said other users maximum display threshold value in the order close to the viewpoint position of said user, and adding other users position marks showing said other users to said viewpoint positions; and

~~interaction connection process for regarding, as persons to interact with, the user IDs of said other users corresponding to given specified other users position marks when said user specifies said given other users position marks and starting an interacting function program to provide connection~~ receiving an interaction request indicating said other users position marks displayed by said user position display process and specified by said user, checking the user IDs corresponding to said other users position marks from a user data storage, and starting an interacting function program to provide connection between said user and said other users having the checked user IDs,

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data, and

wherein the synthesis three-dimensional image data includes the advertisement placed at a particular location corresponding to the placed location in a three-dimensional image corresponding to the three-dimensional image data.

28. – 34. (Canceled).